
Alpine skis — Guidelines for conducting slope performance tests

*Skis alpins — Principes directeurs pour la réalisation d'essais de
performance sur piste*

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Foreword

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The committee responsible for this document is ISO/TC 83, *Sports and other recreational facilities and equipment*, Subcommittee SC 4, *Snowsports equipment*.

This second edition cancels and replaces the first edition (ISO 8783:1999), which has been technically revised.

Alpine skis — Guidelines for conducting slope performance tests

1 Scope

This International Standard provides guidelines for carrying out comparative testing of alpine skis with the objective of evaluating the performance characteristics.

It is applicable to alpine skis in accordance with ISO 6289.

2 Normative reference

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6289, *Skis — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6289 and the following apply.

3.1

turnability

ski characteristic relating to ease of turning

Note 1 to entry: The less force and movement required, the greater the turnability.

3.2

edge grip

ski characteristic pertaining to the ability of the ski to hold on hard surfaces

3.3

steering behaviour

ski characteristic pertaining to the execution and completion of a turn to change direction

3.4

stability

ski characteristic pertaining to maintaining direction at a given speed when turning

3.5

quietness

ski characteristic pertaining to dampening behaviour, anti-shock, ability to absorb shock

3.6

skier friendly

ski character

ski characteristic pertaining to the ease of use or exaggerated control actions of the skier

3.7

total score

sum of all ratings